IN THE CLAIMS:

The claims have not been amended and are presented here for the Examiner's convenience.

1. (previously presented) A square-wave modifying device for use in a recording apparatus, the recording apparatus including: a pickup section provided in proximity to a recording medium,

a flexible signal transmission path section connected to said pickup section and having a character of attenuating a high-frequency component of a signal to be transmitted therethrough, and a main sheet section connected to said pickup section via said signal transmission path section, said square-wave modifying device comprising:

a square-wave signal transmission section, provided in said main sheet section, for supplying a first square-wave signal to one end of said signal transmission path section; and

a waveform modification section, provided in said pickup section, for receiving a second square-wave signal from another end of said signal transmission path section, said waveform modification section modifying a waveform of said second square-wave signal so that a level of the waveform is raised for a predetermined first time period at timing near a rise of said second square-wave signal and the level of the waveform is lowered for a predetermined second time period at timing near a fall of said second square-wave signal.

2. (previously presented) A square-wave modifying device for use in a recording apparatus, the recording apparatus including a pickup section provided in proximity to a recording medium, a flexible signal transmission path section connected to said pickup section and having a character of attenuating a high-frequency component of a signal to be

transmitted therethrough, and a main sheet section connected to said pickup section via said signal transmission path section, said square-wave modifying device comprising:

a square-wave signal transmission section, provided in said main sheet section, for supplying a first square-wave signal to one end of said signal transmission path section; and

a waveform modification section, provided in said pickup section, for receiving a second square-wave signal from another end of said signal transmission path section of said second square-wave wave signal so that the waveform is raised at timing near a rise of said second square-wave signal and upper level of the waveform is raised for a predetermined first time period, and the waveform is lowered at timing near a fall of said second square-wave signal and an under level of the waveform is lowered for a predetermined second time period.

3. (previously presented) A square-wave modifying device for use in a recording apparatus, the recording apparatus including a pickup section provided in proximity to a recording medium, a flexible signal transmission path section connected to said pickup section and having a character of attenuating a high-frequency component of a signal to be transmitted therethrough, and a main sheet section connected to said pickup section via said signal transmission path section, said square-wave modifying device comprising:

a square-wave signal transmission section, provided in said main sheet section, for supplying a first square-wave signal to one end of said signal transmission path section; and;

a waveform modification section, provided in said pickup section, for receiving a second square-wave signal from another end of said signal transmission path section of

said second square-wave signal so that the waveform is raised at timing near a rise of said second square-wave signal and an upper level of the waveform is raised for a predetermined first time period, and the waveform is lowered at timing near a fall of a write-level pulse and an under level of the waveform is lowered for a predetermined second time period.

Claims 4 – 9 (cancelled).